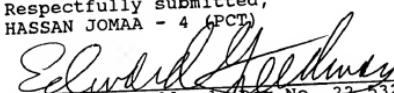


REMARKS

By this Preliminary Amendment, the application has been amended to conform with U.S. practice, the cross-reference to related applications has been inserted on page 1, claims 1-11 have been canceled and replaced with new claims 12-21 and an Abstract has been provided. No new matter has been introduced. Entry of this amendment is respectfully requested.

Respectfully submitted,
HASSAN JOMAA - 4 (PCT)


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erf:jc
Enclosure: Abstract
Exhibit A

Express Mail No. EL 769 393 133 US
Date of Deposit June 22, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above, and is addressed to the Ass't. Commissioner for Patents, Washington, D.C. 20231

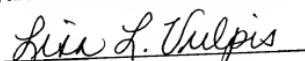

Lisa L. Vulpis

EXHIBIT A

Marked-up Version of Prior Pending
Paragraphs Showing the Changes Made

Page 1, after formula (I), replace lines 7-26 with the
following paragraphs:

--in which
A₁, A₂, A₃, A₄, which may be identical or different, are selected
from the group which consists of hydrogen, [substituted and
unsubstituted alkyl, substituted and unsubstituted aryl,
substituted and unsubstituted aralkyl, substituted and
unsubstituted cycloalkyl, substituted and unsubstituted
heterocyclic residue,] metals of main groups I, II and III of the
periodic system, such as Na, K, Ca, Mg, Al as well as substituted
and unsubstituted ammonium and ammonium compounds derived from
ethylenediamine or amino acids,
X[, which may also be] is absent[,] or is selected from the group
which consists of alkylene with up to 9 carbon atoms, alkenylene
with up to 9 carbon atoms, [and] hydroxyalkylene with up to 9
carbon atoms and amidino,
R₁ is selected from the group which consists of H, OH, NH₂, -CH₃,
[and] R₂[, which are identical or different, are] is selected from
the group which consists of H, OH, -NH₂, substituted and
unsubstituted acyl, substituted and unsubstituted alkyl,
substituted and unsubstituted aryl, substituted and unsubstituted aralkyl,
substituted and unsubstituted cycloalkyl, substituted and
unsubstituted heterocyclic residue and [-SR₃, Cl and -NR₃R₄, in
which R₃, R₄, which may be identical or different, are selected from
the group which consists of H, OH, substituted and unsubstituted
acyl, substituted and unsubstituted alkyl, substituted and
unsubstituted aryl, substituted and unsubstituted aralkyl,
substituted and unsubstituted aryl, substituted and unsubstituted aralkyl,
substituted and unsubstituted cycloalkyl and substituted
and unsubstituted heterocyclic residue, and] the pharmaceutically
compatible salts, amides, esters and salts of the esters or

compounds which, on administration, form the compounds to be administered as metabolites or breakdown products,--

Page 3, replace lines 8-14 with the following paragraphs:

--Preferably suitable substances of the formula (I) are those in which A_1 , A_2 , A_3 , A_4 , which may be identical or different, are selected from the group which consists of hydrogen, [substituted and unsubstituted alkyl, substituted and unsubstituted aryl, substituted and unsubstituted aralkyl, substituted and unsubstituted cycloalkyl, substituted and unsubstituted heterocyclic residue,] metals of main groups I, II and III of the periodic system, such as Na, K, Ca, Mg, Al, substituted and unsubstituted ammonium and ammonium compounds derived from ethylenediamine or amino acids,

X[, which may also be] is absent[,] or is selected from the group which consists of alkyl, $[(CH_2)_{0-6}]$ $(CH_2)_{1-6}$, in particular $(CH_2)_{1-5}$, and amidino,--